858-845-2550

JUN 08 2006



5775 Morehouse Drive San Diego, CA 92121 Fax: (858) 658-2502

# Facsimile Transmittal

DATE:

June 8, 2006

TO:

Commissioner for Patents

ATTN:

Examiner: Lawrence B. Williams

Art Unit: 2611

FAX NUMBER: (571) 273-8300

FROM:

Dmitry R. Milikovsky, Reg. No. 41,999, Attorney for Applicant

Direct Telephone No. (858) 845-0130

(including this transmittal cover sheet) Total Number of Pages Sent: 18

\*

### FILING BY FACSIMILE:

ATTORNEY DOCKET NO.: 020613

#### ENCLOSED ARE:

1. Amendment Transmittal (1 page, in duplicate) 2. Terminal Disclaimer (3 pages, in duplicate)

3. Amendment (9 pages)

APPLICANT: Ketchum et al.

ASSIGNEE: QUALCOMM Incorporated

SERIAL NO.:10/693,171 FILED: October 23, 2003

FOR: CHANNEL ESTIMATION AND SPATIAL PROCESSING FOR TDD MIMO SYSTEMS \*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please contact Kate Lane at (858) 658-2047 if all pages do not transmit.

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PTO/SB/21

## JUN 08 2006

U.S. Department of Commerce Patent and Trademark Office PATENT

### AMENDMENT TRANSMITTAL FORM

Mail Stop Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Customer No.: 23696

Attorney Docket No.: 020613
In Re Application of: Ketchum et al.

Serial Number: 10/693,171

Filed: October 23, 2003

Examiner: Lawrence B. Williams

Group Art Unit: 2611

Dear Sir:

Transmitted herewith for filing is a Response to Office Action in the above identified application.

| CLAIMS               | (a) Number<br>Remaining After<br>Amendment   | (b) Highest<br>Number<br>Previously Paid<br>For | (c)<br>Extra<br>Claims   | Large Entity Fee   | Fee Paid   |
|----------------------|--|---|--|--|--|
| Total*               | 24   | 59  | 0  | x \$50 =   | \$0  |
| Independent**        | 4  | 15  | 0  | x \$200 =  | 50   |
| Multiple Depen       | dent Claim(s):   | \$360   | \$0  |  |  |
| Munipic Deben        |  | \$120   | \$0  |  |  |
| EXTENSION FEES Two M |  |   | yo Months  | \$450  | \$0  |
| EXTENSION FLES       |  | <del>                                    </del> | ree Months   | \$1020   | \$0  |
|                      | TERMINAL   | \$130   | \$130  |  |  |
| *If the number in c  | olumn a is less than 20, column a is less than 3,  | TOTAL FEE                                       | \$130.00   |  |  |
| The Commany overpa   | rge Deposit Accountissioner is hereby a<br>yment to said Depo-<br>hissioner is further l | esit Account No. 17-<br>hereby authorized to    | payment of any<br>0026. A duplical<br>charge to said I<br>by become proper<br>of this applican | d/or extension fees. corporated the amount of sadditional fees that may be the of this sheet is enclose deposit Account No. 17-0 rly due or payable, as set ion without specific addition. | d for fee processing.<br>026, pursuant<br>forth in 37 CFR 1.16 |
| Date: June 8, 2      | 2006   |   | Signature:   | Dmirry R. Milikovsky, I  |  |

QUALCOMM Incorporated Attn: Patent Department 5775 Morehouse Drive

Date: June 8, 2006

San Diego, California 92121-1714 Telephone: (858) 658-5787

Facsimile:

(858) 658-2502

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No.: 23696 Attorney Docket No.: 020613

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| Total*  | 24   | 59  | 0                      | x \$50=          | \$0      |
| Independent**   | 4  | 15  | 0                      | x \$200 =        | \$0      |
|   | dent Claim(s):                             | \$360   | \$0                    |                  |          |
| Multiple Dependent Claim(s): Yes No  One Month  EXTENSION FEES  Two Months  Three Months  |  |   | \$120                  | \$0              |          |
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(TRANSAMD.VER1.13-04/30/04)